

Indo-US Conference

Building Natural Gas Markets in India

April 17-18, 2002

**Hyatt Regency Hotel – Regency Ballroom
New Delhi**

**Ministry of Petroleum and
Natural Gas
Government of India**

**United States Department of
Energy**



**Hosted by
Indian Oil Corporation**

**Organized by
Indian Oil Corporation and MT Energy Associates**

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Conference Agenda

Day One – 17th April 2002

	Opening Ceremony	
0830	Registration	
0900	Welcome & Presentation of Bouquets	Mr. M. S. Ramachandran Chairman, IndianOil
0906	Lighting the Lamp	Mr. Ram Naik Minister of P&NG
0908	Address: The Importance of Natural Gas in India's Energy Balance	Mr. B. K. Chaturvedi Secretary, Ministry of P&NG
0923	<u>Address: Indo-US Energy Cooperation</u>	Ms. Vicky Bailey, Asst. Secretary of Energy, Department of Energy
0938	<u>Address</u>	Mr. Albert Thibault Deputy Chief of Mission US Embassy - India
0953	<u>Address</u>	Mr. S Gangwar Minister of State for P&NG
1008	<u>Inaugural Address</u>	Mr. Ram Naik Minister for P&NG
1023	<u>Vote of Thanks</u>	Mr. Mark Stern MD, MT Energy Associates
1030 - 1100	Tea Break	

	Session 1: Supply Options and Infrastructure	
	Co- Chairmen: Mr. Subir Raha, Chairman & MD, ONGC Ms. Vicky Bailey, Asst. Secretary, DOE	
1100-1130	India's Future Energy Demand; Natural Gas Supply Strategy & Resource Development Plans; Results of NELP-I&II; NELP-III and Future Exploration Licensing Rounds (Slides)	Dr. Avinash Chandra, Directorate General of Hydrocarbons
1130-1200	LNG Projects & Gas Transportation Infrastructure in India: Present Infrastructure, Requirement & Proposed Projects (Slides)	Dr. U. D. Choubey G. M. Marketing Gas Authority of India Ltd.
1200-1230	LNG Value Chain (Slides)	Mr. Richard Guerrant ExxonMobil
1230-1300	LNG – Regional Pricing and Market Development (Slides) (Text)	Mr. Nicholas Ridout British Petroleum
1300-1400	Lunch Break	
	Session 2: Future of India's Downstream Natural Gas Business	
	Co- Chairmen: Mr. P Banerjee, Chairman & MD, GAIL Mr. Richard Guerrant, Exxon Mobil	
1400-1420	Gas Supply from Overseas – an Indian Perspective	Mr. Sham Sunder Petronet LNG Ltd.
1420-1450	Gas Pipeline Import Potential – Bangladesh	Mr. Ron Somers, Unocal
1450-1520	CNG Case Study – Overcoming Constraints and Meeting Policy Objectives for Natural Gas	Mr. Jeffrey Clarke National Renewable Energy Laboratory , DOE
1520-1545	Visions for Future Gas Distribution and Marketing	Mr. A. M. Uplenchwar Indian Oil Corp.
1545-1615	Tea Break	

	Session 3: Non-Conventional Natural Gas Resources	
	Co- Chairmen: Mr. JM Mauskar, Jt. Secretary, MoP&NG Mr. Mark Stern, MD, MT Energy Associates	
1615-1645	Coal Bed Methane & Gas Hydrates Development Programmes in India	Dr. Avinash Chandra, DGH
1645-1715	CBM Development Programme & Technology	Dr. Anil Chopra, Petrotel
1715-1745	Gas Hydrates: US Dept. of Energy Programmes & International Cooperation in Gas Hydrates	Ms. Edith Allison DOE
1745-1800	India's Need for Gas Conversion	Mr. G. Kandasamy Oil & Natural Gas Corp.
1800-1820	Gas-to-Liquids Technology & Options	Mr. Anders Ekvall Shell International Gas

Day Two – 18th April 2002

	Session 4: Importance of a Viable Regulatory Framework	
	Co- Chairmen: Mr. Naresh Narad, Addl. Secretary, MoP&NG Mr. David Pumphrey, Deputy. Asst. Secretary, DOE	
0915-1000	India's Plans for Regulation in Upstream and Downstream Natural Gas Business	Mr. J. M. Mauskar & Mr. S. Vijayaraghavan MoP&NG
1000-1025	Introduction to U.S. Regulatory Bodies	Mr. David Pumphrey, DOE
1025-1050	Establishing Rules that Equitably Balance Competing Interests: Creating the Level Playing Field	Mr. Pat Sonti, ERG
1050-1120	Tea Break	

	Session 4: Importance of a Viable Regulatory Framework (contd.)	
	Co- Chairmen: Mr. Naresh Narad, Addl. Secretary, MoP&NG Mr. David Pumphrey, Deputy. Asst. Secretary, DOE	
1120- 1145	Federal – State Cooperation in the Regulatory Environment	Ms. Judy Jones State of Ohio Public Utility Commission
1145- 1210	Role of the Regulator in Supporting Competitive and Open Market Policies	Mr. Fredrick R. Butler NARUC Committee on International Relations
1210- 1235	Company Perspective on Regulation & Investment	Mr. Steve Green, Unocal
	<u>Case Studies and Models</u>	
1235- 1305	Minerals Management Service	Mr. Rishi Tyagi US Minerals Mgt. Service
1305- 1335	Natural Gas Pipeline Regulation	Mr. Richard O'Neill US Federal Energy Regulatory Commission
1335- 1430	Lunch Break	
	Session 5: New Directions, Investment Opportunities & Challenges	
	Co- Chairmen: Mr. MS Ramachandran, Chairman, Indian Oil Corp. Ms. Vicky Bailey, Asst. Secretary, DOE	
1430- 1445	Advantages to the Foreign Investor in India's Natural Gas Sector; Regulation and Promotion of Natural Gas Investment and Growth	Mr. J. M. Mauskar MoP&NG
1445- 1510	Integrated vs. Unbundled Services for Natural Gas	Mr. Richard O'Neill US Federal Energy Regulatory Commission
1510- 1535	Information Technology – for the Operator and the Regulator	Mr. Kent Burkholder Schlumberger

1535– 1600	<u>Criteria of US Companies in Competitive International Investment Decisions</u>	Mr. Arun Banskota El Paso Energy International
1600– 1625	<u>The Investment Climate – Comparative Analysis of India’s Position in Attracting Foreign Investment in the Natural Gas Sector</u>	Mr. Nathan Piper Wood Mackenzie
1625– 1650	<u>Evaluating Risk and the Insurability of Projects</u>	Mr. Jim Goold Divisional Director Oil & Gas & Telecom ANZ Investment Bank
	<u>Financial Community Perspective on Investment in India’s Gas Sector</u>	Ms. Vedika Bhandarkar J. P. Morgan
1650– 1715	Tea Break	
	Concluding Session	
1715	Future Indo-US Energy Cooperation	Mr. Jim Bever Deputy Director US AID
1730	Future Direction of Natural Gas in India	Panel Discussion
	<u>Concluding Remarks</u>	Ms. Vicky Bailey, Asst. Secretary, DOE
1815	Vote of Thanks	Mr. M. S. Ramachandran Indian Oil Corp.

RELATED DOCUMENTS:

[India Hydrocarbon Vision 2025](#) (.pdf)

[U.S. National Energy Policy – Chapter 8](#) (.pdf)

[Petroleum Regulatory Board Bill](#)
(.pdf)

